

## ABSTRACT:

*See BG*

A robust GMR or TMR effect type multilayer structure comprising a free and a pinned ferromagnetic layer, with a wide magnetic field range is described, as required, for example in automotive applications. The improvement is obtained by using an odd number of non-adjacent ferromagnetic layers in an exchange-biased Artificial Anti-Ferromagnet as the

5 pinned layer.

65 ~~Fig. 1~~

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